

This circular will be sent regularly to all who apply for it.

United States Department of Agriculture,

WASHINGTON, D. C., October 31, 1913.

MONTHLY LIST OF PUBLICATIONS.

[OCTOBER, 1913.]

NOTE.—Copies of any of the publications listed herein, except the *Journal of Agricultural Research* and separates therefrom and publications of the Weather Bureau, may be obtained free upon application to the Editor and Chief of the Division of Publications, United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. The edition of many of the publications is necessarily limited, and when same is exhausted applicants are respectfully referred to the superintendent of documents, Government Printing Office, Washington, D. C., who, under the provisions of the joint resolution of March 28, 1904, is empowered to have reprints made and sell them at the prices herein given. Do not apply to the superintendent of documents for publications without sending the price of same, as he does not distribute them except by sale. The price of any document, unless otherwise noted, is 5 cents.

The Department of Agriculture does not distribute or control the distribution of the publications of other departments of the Government, the State boards of agriculture, or of the State agricultural experiment stations.

Under the new plan of publication work of the department adopted July 1, 1913, the independent series of bulletins and circulars heretofore issued by the various bureaus, divisions, and offices have been discontinued. The scientific and technical matter heretofore published in them will hereafter appear in the *JOURNAL OF AGRICULTURAL RESEARCH*, while the popular and semitechnical matter will be printed in a new departmental series of bulletins, beginning with No. 1, each of which will be devoted to the treatment of one subject.

The *JOURNAL OF AGRICULTURAL RESEARCH* will be distributed free to the libraries of agricultural colleges and experiment stations, to large universities, technical schools, and such institutions as make suitable exchanges with the department. Miscellaneous applicants may procure it by purchase from the superintendent of documents, Government Printing Office, at a price fixed by him.

ADVANCE SHEETS, FIELD OPERATIONS OF THE BUREAU OF SOILS.

Soil Survey of New London County, Connecticut. By W. E. McLendon. Pp. 29, fig. 1, map. (From F. O. Soils, 1912.) Price, 15 cents.

Soil Survey of Dougherty County, Georgia. By M. Earl Carr, H. Jennings, and Thomas D. Rice, of the U. S. Department of Agriculture, and David D. Long, of the Georgia State College of Agriculture. Pp. 63, fig. 1, map. (From F. O. Soils, 1912.) Price, 15 cents.

Soil Survey of Troup County, Georgia. By A. T. Sweet and Howard C. Smith. Pp. 25, fig. 1, map. (From F. O. Soils, 1912.) Price, 15 cents.

Soil Survey of Otoe County, Nebraska. By William G. Smith, of the U. S. Department of Agriculture and L. T. Skinner, of the Nebraska Soil Survey. Pp. 31, fig. 1, map. (From F. O. Soils, 1912.) Price, 15 cents.

Soil Survey of the Sussex Area, New Jersey. By H. Jennings, of the U. S. Department of Agriculture, and I. L. Owen, I. V. Stone, and W. R. Robbers, of the New Jersey Agricultural Experiment Station. Pp. 62, fig. 1, map. (From F. O. Soils, 1911.) Price, 15 cents.

Soil Survey of Columbia County, Wisconsin. By W. J. Geib and Arthur E. Taylor, of the U. S. Department of Agriculture, and Guy Conrey, of the Wisconsin Geological and Natural History Survey. Pp. 61, fig. 1, map. (From F. O. Soils, 1911.) Price, 15 cents.

Soil Survey of Juneau County, Wisconsin. By W. J. Geib and E. B. Watson, of the U. S. Department of Agriculture, and L. R. Schoenmann, C. A. Le Clair, and O. E. Baker, of the Wisconsin Geological and Natural History Survey. Pp. 54, fig. 1, map. (From F. O. Soils, 1911.) Price, 15 cents.

BULLETINS.

NEW.

The Reseeding of Depleted Grazing Lands to Cultivated Forage Plants. By Arthur W. Sampson, Plant Ecologist, with prefatory note by Frederick V. Coville, Botanist in Charge of Economic and Systematic Botany. Pp. 34, pls. 8, figs. 4. Contribution from the Forest Service in cooperation with the Bureau of Plant Industry. Oct. 27, 1913. (Department Bulletin 4.) Price, 10 cents.

Agricultural Training Courses for Employed Teachers, with a Suggested Reading Course in Agriculture Based on Farmers' Bulletins. By Edward R. Jackson, Assistant in Agricultural Education. Contribution from the Office of Experiment Stations. Oct. 18, 1913. Pp. 17. (Department Bulletin 7.) Price, 5 cents.

Progress Report of Cooperative Irrigation Experiments at California University Farm, Davis, California, 1909-1912. By S. H. Beckett, Irrigation Engineer. Pp. 21, figs. 7. Contribution from Office of Experiment Stations. Oct. 30, 1913. (Department Bulletin 10.) Price, 5 cents.

Uses of Commercial Woods of the United States. Beech, Birches, and Maples. By Hu Maxwell, Expert. Contribution from the Forest Service. Oct. 11, 1913. Pp. 56. (Department Bulletin 12.) Price, 10 cents.

A Sealed Paper Carton to Protect Cereals from Insect Attack. By Willaim B. Parker, Entomological Assistant. Contribution from the Bureau of Entomology. Oct. 16, 1913. Pp. 8, figs. 8. (Department Bulletin 15.) Price, 5 cents.

The Culture of Flue-Cured Tobacco. By E. H. Mathewson, Crop Technologist, Tobacco and Plant-Nutrition Investigations. Contribution from the Bureau of Plant Industry. Oct. 22, 1913. Pp. 36, figs. 12. (Department Bulletin 16.) Price, 10 cents.

A Report on the Phosphate Fields of South Carolina. By Wm. H. Waggaman, Scientist in Investigation of Fertilizer Resources. Contribution from the Bureau of Soils. Oct. 1, 1913. Pp. 12, pls. 3, fig. 1. (Department Bulletin 18.) Price, 5 cents.

Game Laws for 1913: A Summary of the Provisions Relating to Seasons, Export, Sale, Limits, and Licenses. By T. S. Palmer, W. F. Bancroft, and Frank L. Earnshaw, Assistants, Biological Survey. Contribution from the Bureau of Biological Survey. Oct. 15, 1913. [Revised edition; contains the Proclamation of the President and the revised regulations for the Protection of Migratory Birds.] Pp. 59. (Department Bulletin 22.) Price, 10 cents.

The Rose Slug-Caterpillar. By F. H. Chittenden, Sc. D., In Charge of Truck Crop and Stored Product Insect Investigations. Pp. 9, fig. 1. (Bulletin 124, Bureau of Entomology.) Price, 5 cents.

The Florida Fern Caterpillar. By F. H. Chittenden, Sc. D., In Charge of Truck Crop and Stored Product Insect Investigations. Pp. 11, fig. 1. (Bulletin 125, Bureau of Entomology.) Price, 5 cents.

Studies on Acid Soils of Porto Rico. By Oscar Loew, Physiologist. Pp. 23. (Bulletin 13, Porto Rico Agricultural Experiment Station.) Price, 5 cents.

Experiment Station Record, Vol. XXIX, No. 4, September, 1913, E. W. Allen, Ph. D., Editor. Pp. 301-400. Price, 15 cents.

The record contains numerous abstracts of the publications of the agricultural experiment stations and kindred institutions in this and other countries, articles and editorials on topics of special interest in agricultural science by American and foreign experts, and notes on the experiment stations. The Superintendent of Documents has fixed the price of this serial, which is now issued in two volumes a year, nine numbers each, at \$1 a volume.

Journal of Agricultural Research. Vol. 1, No. 1. October, 1913. Contents: Foreword. By B. T. Galloway.—Citrus Ichangensis, a Promising, Hardy, New Species from Southwestern China and Assam. By Walter T. Swingle.—Cysticercus Ovis, the Cause of Tapeworm Cysts in Mutton. By B. H. Ransom.—The Serpentine Leaf-Miner. By F. M. Webster and T. H. Parks. Pp. 88, pls. 5, figs. 37. Price, 25 cents.

NOTE.—The Superintendent of Documents will receive subscriptions for this publication, the price being \$2.50 per volume of 12 numbers.

Monthly Bulletin of the Library. June, 1913. Vol. 4, No. 6. Pp. 162-192. (Library.) Price, 5 cents.

The water Requirement of Plants. I. Investigations in the Great Plains in 1910 and 1911. By Lyman J. Briggs, Biophysicist in Charge of Biophysical Investigations, and H. L. Shantz Plant Physiologist, Alkali and Drought Resistant Plant Investigations. Pp. 49, pls. 11, figs. 2. (Bulletin 284, Bureau of Plant Industry.) Price, 15 cents.

The Water Requirement of Plants. II. A Review of the Literature. By Lyman J. Briggs, Biophysicist in Charge of Biophysical Investigations, and H. L. Shantz, Plant Physiologist, Alkali and Drought Resistant Plant Investigations. Pp. 96, figs. 6. (Bulletin 285, Bureau of Plant Industry.) Price, 10 cents.

FARMERS' BULLETINS.

The Making and Feeding of Silage. Contents: Making and Feeding of Silage. By T. E. Woodward.—Silage for Horses. By George M. Rommel.—Silage for Beef Cattle. By W. F. Ward.—Silage for Sheep. By E. L. Shaw. Pp. 24, figs. 6. Contribution from the Bureau of Animal Industry. Oct. 25, 1913. (Farmers' Bulletin 556.)

The Potato-Tuber Moth. By F. H. Chittenden, In Charge of Truck Crop and Stored Product Insect Investigations. Contribution from the Bureau of Entomology. Oct. 2, 1913. Pp. 7, figs. 4. (Farmers' Bulletin 557.)

Use of Corn, Kafir, and Cowpeas in the Home. By C. F. Langworthy, Ph. D., Sc. D., Chief of Nutrition Investigations, and Caroline B. Hunt, A. B., Expert in Nutrition, Office of Experiment Stations. Contribution from the Office of Experiment Stations. Oct. 16, 1913. Pp. 12. (Farmers' Bulletin 559.)

The Agricultural Outlook. Contributions from various bureaus of the department. Oct. 11, 1913. Contents: Agricultural Forecast and General Review of Crop Conditions.—Weather Conditions During the Past Month with Relation to Crops.—The Outlook for Meat Production.—Need for Local Markets for Live Stock.—Future Meat Supply of the United States.—Influence of the Average Farm on the Meat Supply. Pp. 29. (Farmers' Bulletin 560.)

NOTE.—The Agricultural Outlook will be issued at irregular intervals as a Farmers' Bulletin, superseding the Crop Register, which has been discontinued.



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SEPARATES.

NEW.

- Promising New Fruits. By William A. Taylor, Pomologist and Chief, and H. P. Gould, Pomologist in Charge of Fruit District Investigations, Bureau of Plant Industry. Pp. 261-278, pls. 8. (Separate 589, Yearbook 1912.)
- The Chestnut Bark Disease. By Haven Metcalf, Pathologist in Charge of Investigations in Forest Pathology, Bureau of Plant Industry. Pp. 363-372, pls. 4. (Separate 598, Yearbook 1912.)
- Truck Soils of the Atlantic Coast Region. By Jay A. Bonsteel, Scientist in Soil Survey, Bureau of Soils. Pp. 417-432, pls. 6, fig. 1. (Separate 603, Yearbook 1912.)

PUBLICATIONS OF THE WEATHER BUREAU.

Publications of the Weather Bureau are obtainable only from the Chief of the Weather Bureau or the Superintendent of Documents, Government Printing Office, at the prices noted herein.

Monthly Weather Review, vol. 41: No. 7, July, 1913. Prepared under the direction of Charles F. Marvin, Chief U. S. Weather Bureau. Pp. 967-1130, maps 2, charts 7. (W. B. No. 513.) Price, 35 cents; \$4 a year.

National Weekly Weather Bulletin No. 29, for October, 1913, reporting temperature and rainfall, with a summary of weather conditions throughout the United States. (Weekly, April-September, Monthly, remainder of year.) Price, 25 cents a year.

JOS. A. ARNOLD,

Editor and Chief Division of Publications.

Approved.

D. F. HOUSTON,
Secretary of Agriculture.



WASHINGTON : GOVERNMENT PRINTING OFFICE : 1913